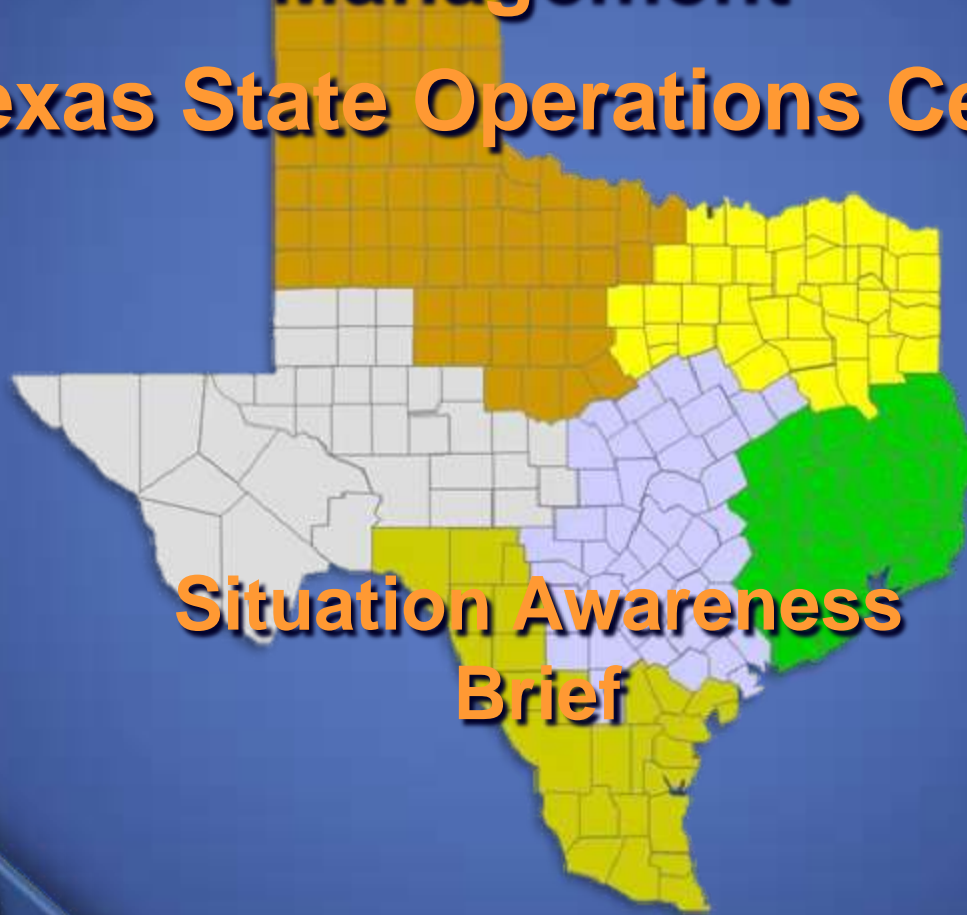


Texas Department of Public Safety Texas Division of Emergency Management

Texas State Operations Center



Situation Awareness Brief



Saturday, August 19th 2017
As of 0900 CST

Tropical Weather Awareness



The National Hurricane Center is issuing advisories on Tropical Storm Harvey, located over the eastern Caribbean Sea. A trough of low pressure located about 300 miles east-northeast of the northern Leeward Islands continues to produce disorganized showers and thunderstorms. Environmental conditions are expected to be only marginally conducive for development during the next few days while this system moves west-northwestward at about 20 mph. * Formation chance through 48 hours...low...20 percent. * Formation chance through 5 days...medium...40 percent. A tropical wave located over the eastern Atlantic Ocean about midway between the Lesser Antilles and Africa is producing some shower and thunderstorm activity. Environmental conditions appear somewhat conducive for gradual development over the next few days while the system moves west-northwestward to northwestward at about 20 mph, but upper-level winds are forecast to become unfavorable by early next week. * Formation chance through 48 hours...low...10 percent. * Formation chance through 5 days...low...20 percent.

Incidents Reported to the State Operations Center (last 24 hours)

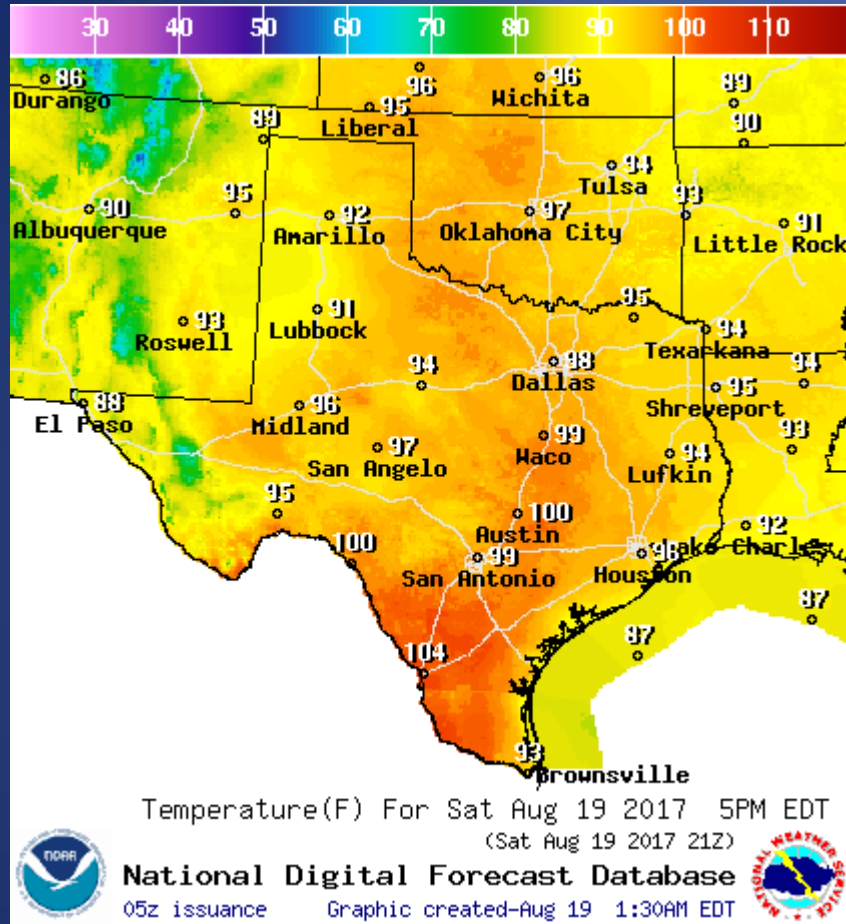
DATE	EVENT / INCIDENT	LOCATION (City/County)	Final Report: Y/N
08/18/17	Initial Report of a Warehouse Fire Involving HazMat	Tarrant County	N
08/18/17	Initial Report of a Large Grass Fire	Victoria County	N
08/18/17	Update Report #1 of a Warehouse Fire	Tarrant County	N
08/18/17	Final Report of a Warehouse Fire Involving HazMat	Tarrant County	Y
08/18/17	Update #1 to the Large Grass Fire	Victoria County	N
08/18/17	CORRECTION AMBER Alert Activation for Midland County Sheriff's Office	Midland County	N
08/19/17	Final Report on the Salem Rd Fire	Victoria County	Y

Informational Products

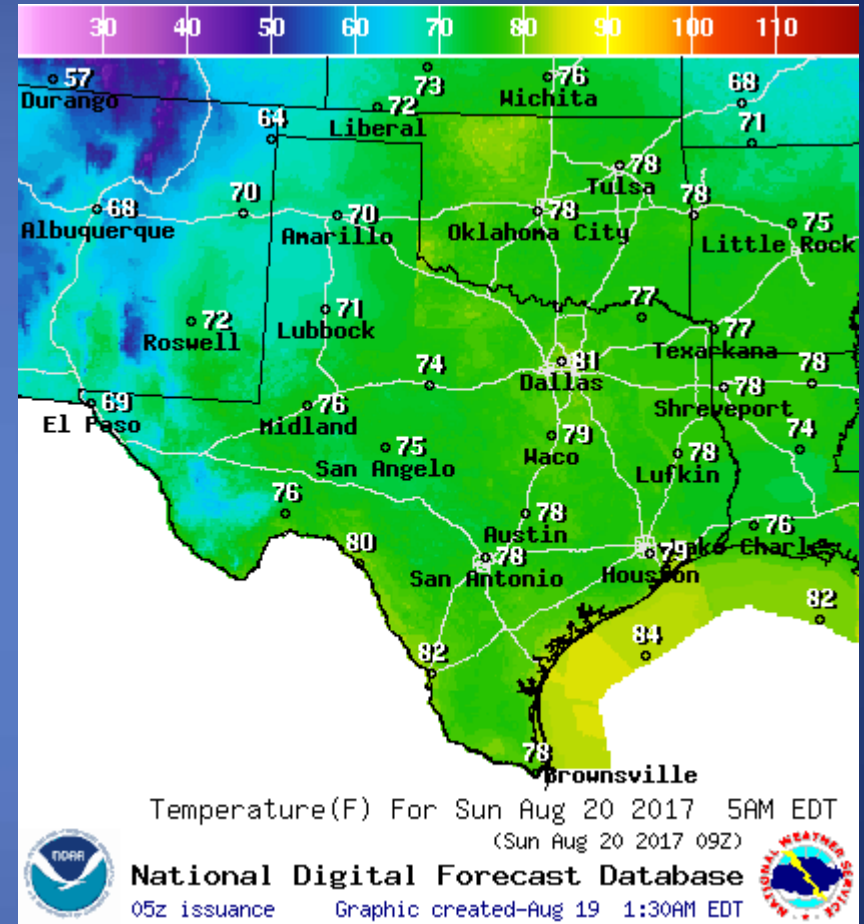
Distributed by the State Operations Center

DATE	SUBJECT
08/18/17	NWS Lake Charles Tropical Update 1:15 PM Friday
08/18/17	NWS Houston/Galveston Reminder on NWS informational webinar on new hurricane products
08/18/17	NWS Fort Worth Hydrologic Statement for Cowleech Fork Sabine River at Greenville, Hunt County
08/19/17	NWS Shreveport Heat Advisory in Effect for Today
08/19/17	NWS Houston/Galveston TS Harvey 5am
08/19/17	Daily NWS Threat Brief for Saturday, August 19, 2017

Weather Forecast

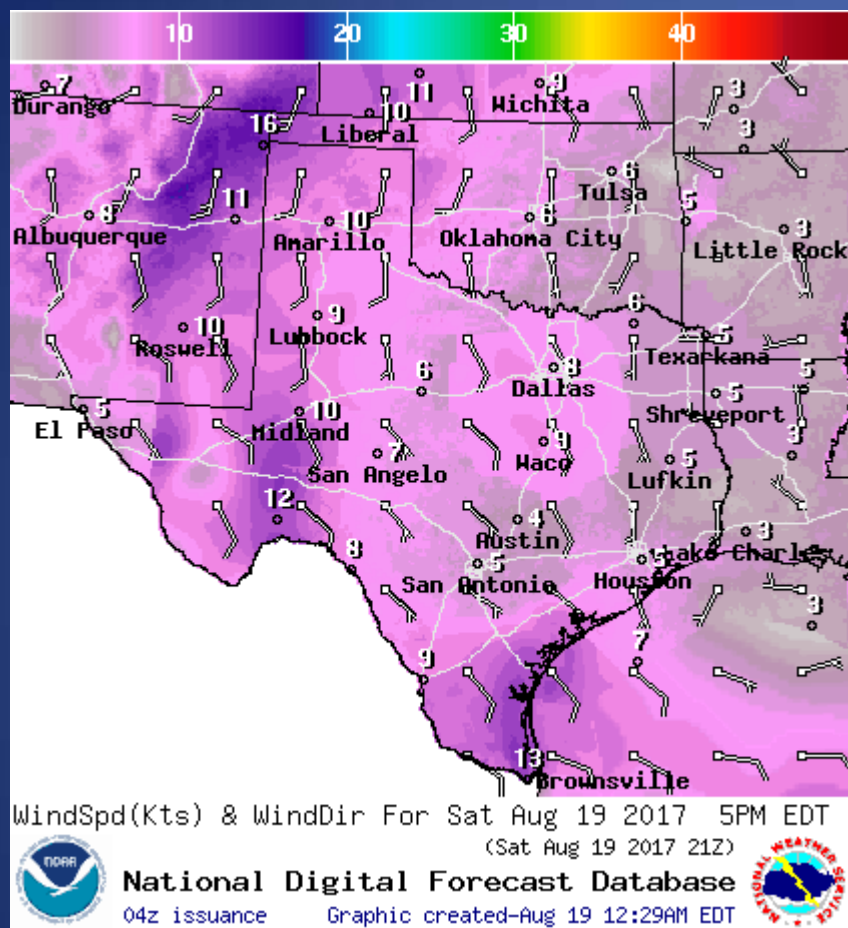


Highs

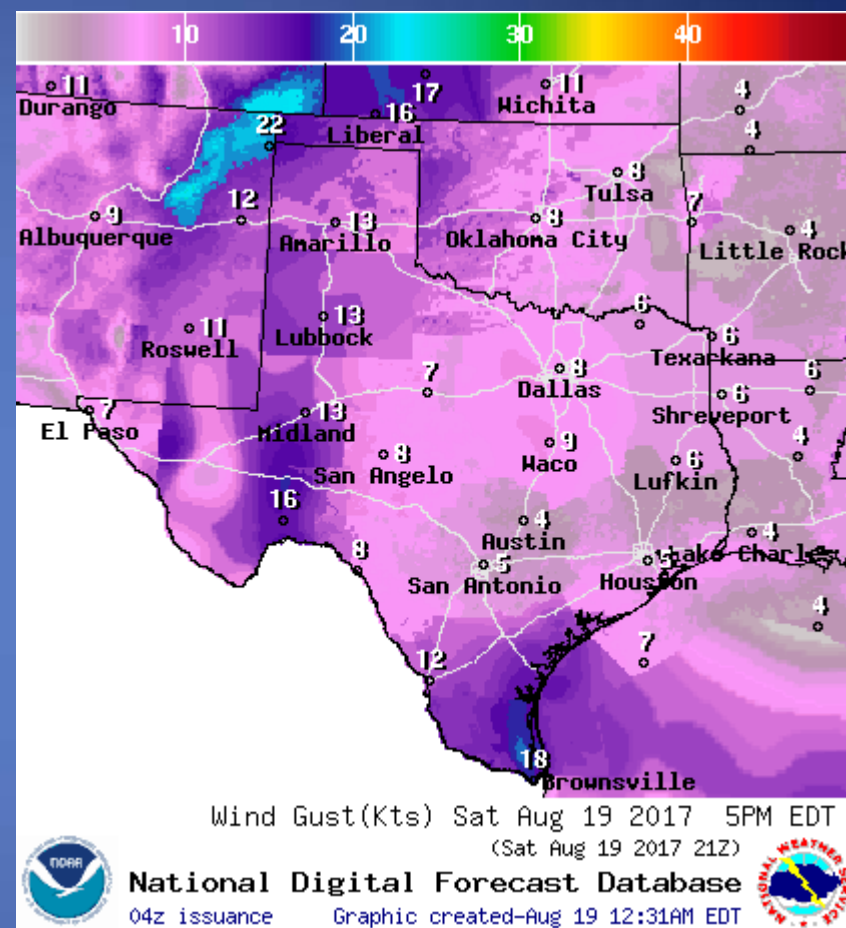


Lows

Weather Forecast



Wind Speeds

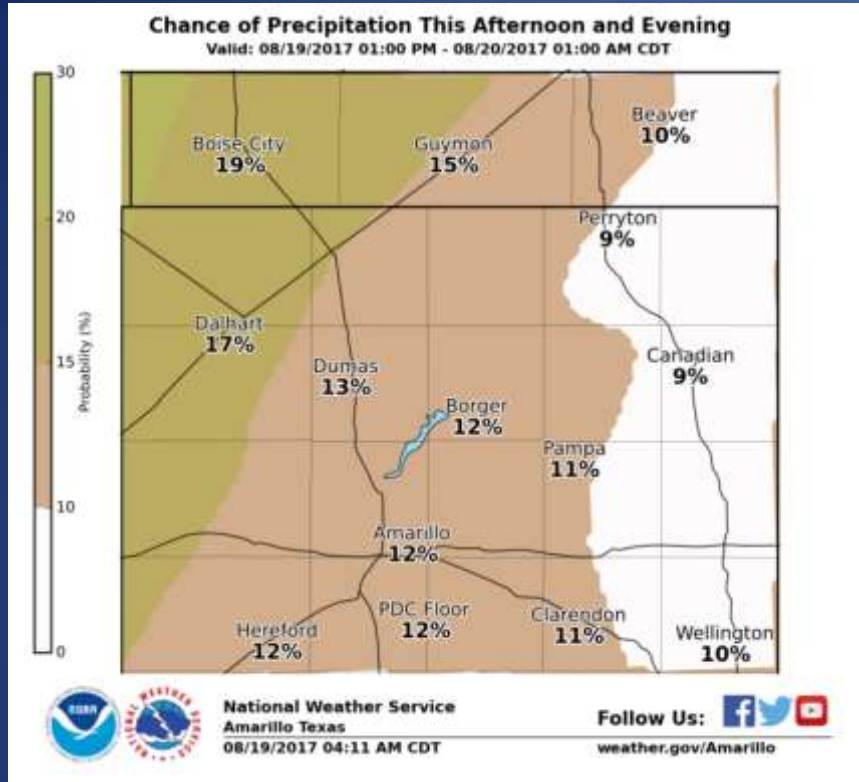


Gusts

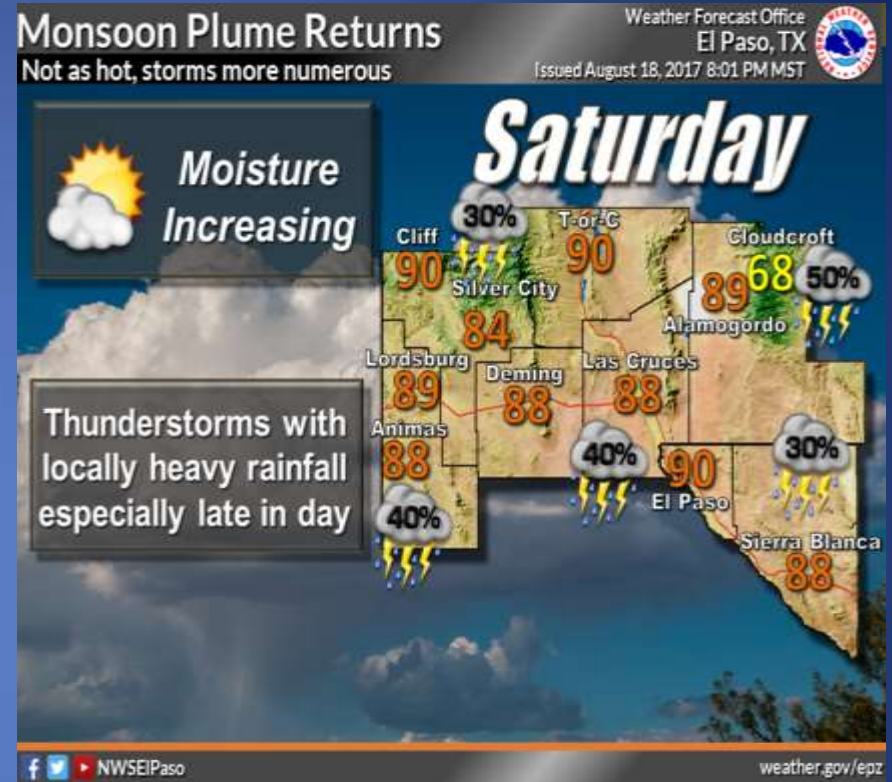
Hazardous Weather



Hazardous Weather



Thunderstorms will be possible across mainly western portions of the Texas Panhandle this afternoon and this evening. A few storms that develop may become strong to marginally severe, with strong wind gusts and hail the primary hazards. In addition, heavy rainfall may accompany thunderstorms, which could result in localized flooding or flash flooding.



The positioning of an upper high to our east and upper trough to our northwest will set up a moist southerly flow over the Borderland, otherwise known as the monsoon plume. The best chance for thunderstorms will be late in the afternoon. Locally heavy rainfall is possible. Moisture will continue to increase during the overnight hours through Sunday when flash flooding becomes an increasing threat.

Hazardous Weather

Weekend Forecast

Thunderstorms and near normal high temps expected

Weather Forecast Office
Midland/Odessa, TX
Issued August 19, 2017 3:49 AM CT



Isolated to scattered thunderstorms possible each afternoon/evening this weekend, especially across western areas. **Heavy rainfall and localized flash flooding** will be the main threats from these storms. However, a few storms could produce **strong winds, small hail, and frequent lightning strikes**.

f t NWSMidland

weather.gov/maf

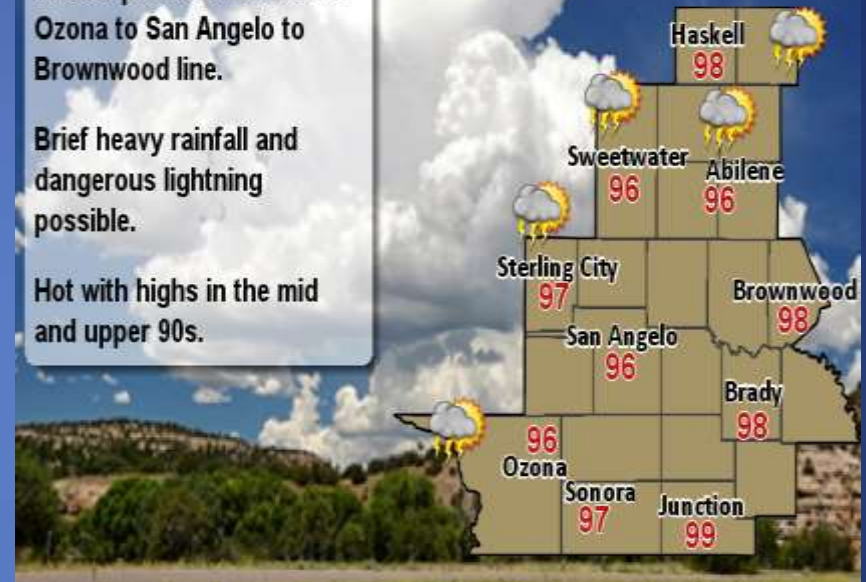
Storms continue this weekend with near or slightly above normal high temperatures. The main concern with storms continue to be locally heavy rainfall leading to areas of flooding.

Another Hot Day

A few isolated showers and storms possible north of an Ozona to San Angelo to Brownwood line.

Brief heavy rainfall and dangerous lightning possible.

Hot with highs in the mid and upper 90s.



Hazardous Weather



It will be hot today, with heat index values rising to around 99 to 108 degrees. There will also be a slight chance for thunderstorms this afternoon, mainly north of I-20. Thunderstorms today will be capable of producing damaging downburst wind gusts in addition to brief heavy rainfall and cloud to ground lightning.



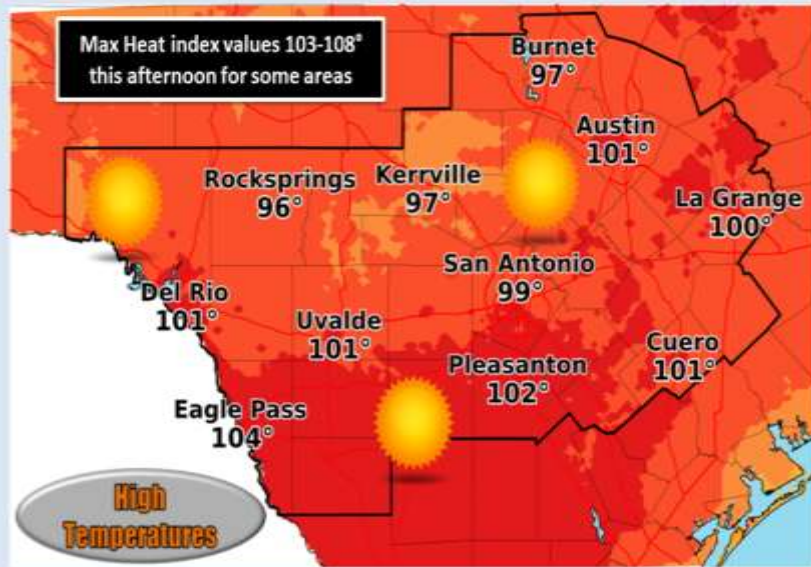
A Heat Advisory is in effect for today. Expect heat index values to climb to around 105 to 108 degrees. Precautions should be taken to avoid heat related illnesses.

Hazardous Weather



Today: Hot Again with Elevated Heat Indices.

National Weather Service Austin / San Antonio



@NWSSanAntonio
weather.gov/ewx

Another hot day is in store with highs ranging from the mid 90s in the Hill Country to near 105 degrees along the Rio Grande. The hot temperatures and humid conditions will result in afternoon heat indices in the 103 to 108 degree range, especially along and east of I-35 and along the Rio Grande.



Today: More of the Same

The Heat Continues



Impacts:



- ☐ Heat Index Values 105° to 109° with isolated 110° for an hour or two
- ☐ Plenty of sunshine. Highs low 90s coast to 104 inland west.
- ☐ Marine: S-SE < 10 KT AM increase to 10-15 KT aftrn. Isolated showers

Issued at 3:06 AM - August 19, 2017

More of the same: Warm and humid today with no significant precipitation. Maximum Heat Index values 105 to 109 degrees inclusive, with a location or two around 110 degrees. There is a moderate risk of rip currents along Gulf-facing beaches. Highs will range from the lower 90s coast to 104 degrees over the western portions of South Texas. Stay hydrated!

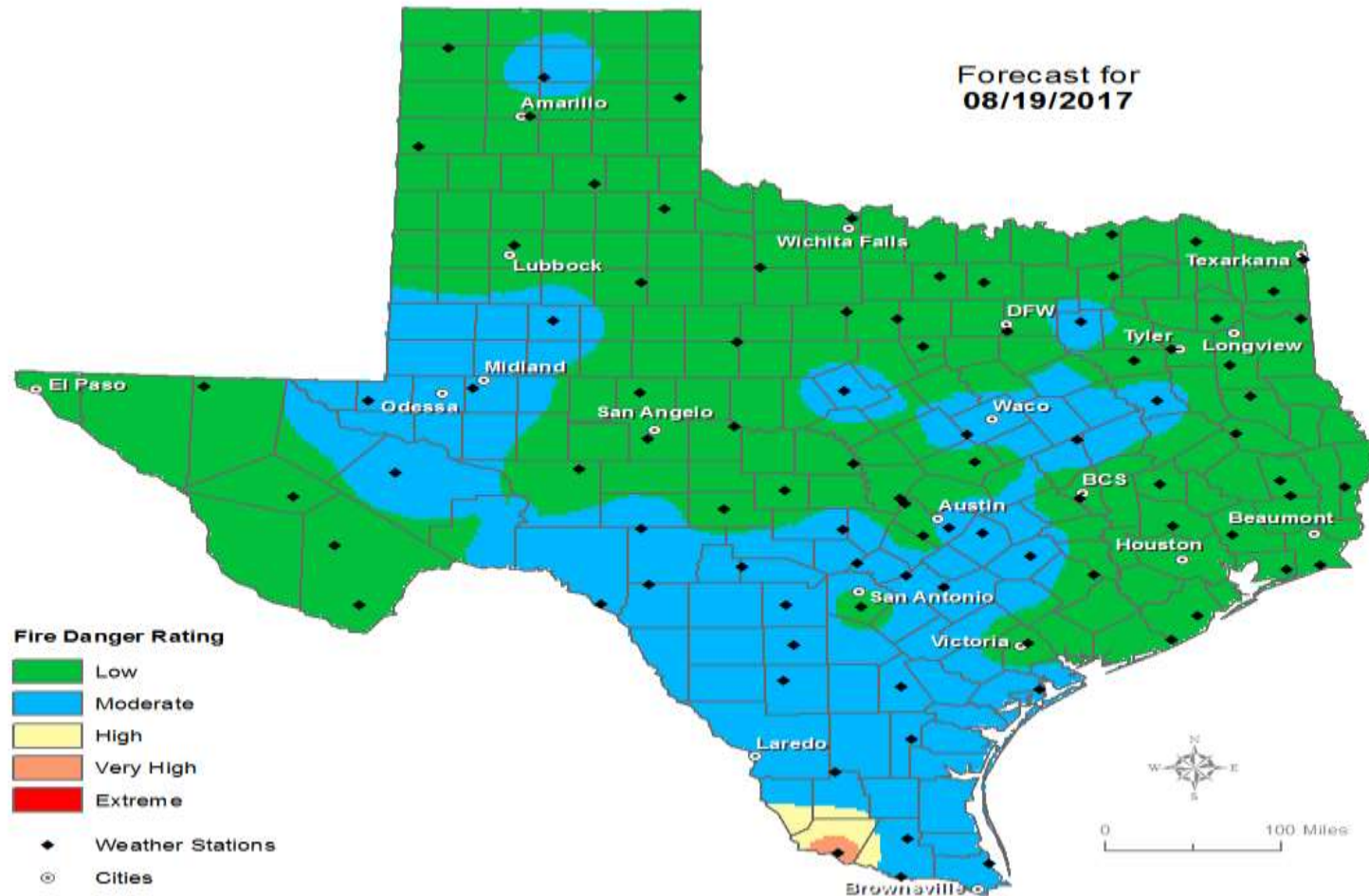
Weather Warning/Advisories Issued

DATE	WARNING TYPE	LOCATION
08/18/17	Flood Warning Continues	Cowleech Fork Sabine River At Greenville Affecting Hunt County; South Fork Sabine River Near Quinlan Affecting Hunt and Rockwall Counties; South Sulphur River near Cooper affecting Delta and Hopkins Counties
08/18/17	Flood Warning	Rio Grande at Presidio International Bridge affecting Presidio County; Rio Grande below Presidio 5SE affecting Presidio County
08/18/17	Flood Warning Extended	Sabine River near Mineola affecting Smith and Wood Counties
08/18/17	Flood Advisory for Minor Flooding in Poor Drainage Areas	Jack, Grayson and Palo Pinto Counties
08/18/17	Flood Advisory	Hudspeth County
08/18/17	Urban and Small Stream Flood Advisory	Crane, Jeff Davis and Reeves Counties
08/18/17	Arroyo and Small Stream Flood Advisory	Terrell County
08/18/17	Small Stream Flood Advisory for Rapid Rises	Val Verde County

Fire Danger Forecast

Forecast Fire Danger

Forecast for
08/19/2017



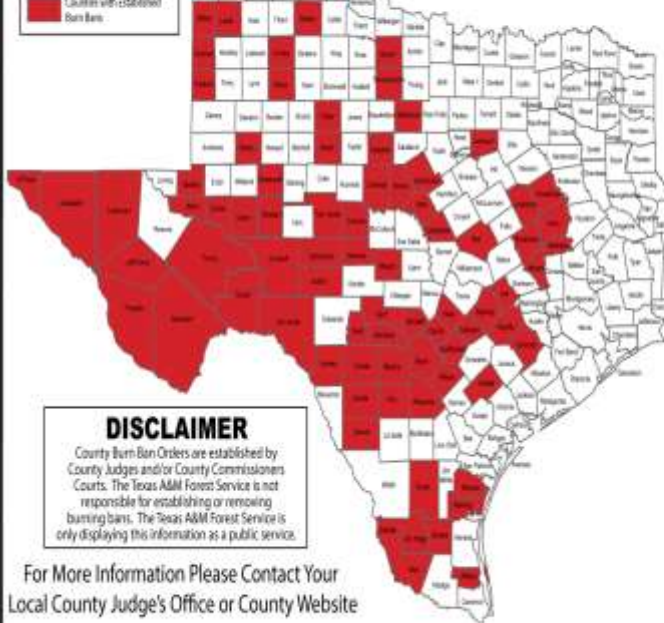
Burn Bans and KBDI INDEX

OUTDOOR BURN BANS

August 18, 2017



Email updates to:
burnban@tfs.tamu.edu



DISCLAIMER

County Burn Ban Orders are established by County Judges and/or County Commissioners Courts. The Texas A&M Forest Service is not responsible for establishing or removing burning bans. The Texas A&M Forest Service is only displaying this information as a public service.

For More Information Please Contact Your
Local County Judge's Office or County Website

RED FLAG WARNINGS: www.weather.gov
Burn Ban RSS feed available at <http://tfsfp.tamu.edu/wildfires/BurnBan.xml>

Counties with Burn Bans: 80

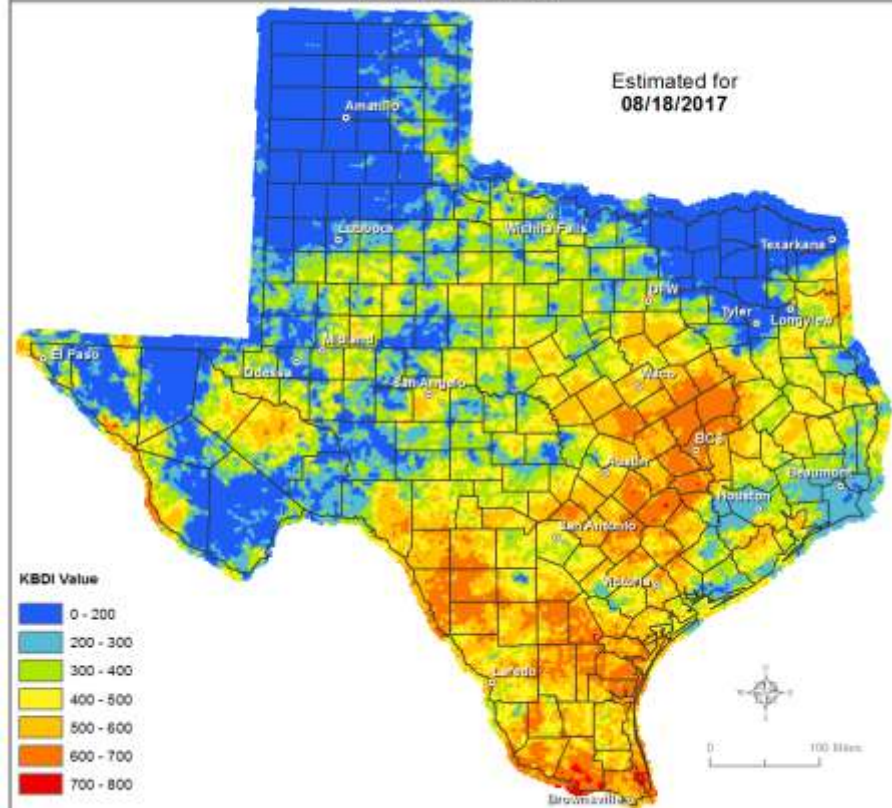
Armstrong
Atascosa
Bailey
Bandera
Bastrop
Baylor*
Bell
Brewer*
Brooks
Brown
Calhoun
Callahan
Cochran
Coleman
Colorado
Comal
Concho
Cotton
Crockett
Crosby
Culberson
DeWitt
Dimech
Duval
El Paso
Fayette
Fisher
Freestone
Frio
Garza
Glasscock
Gonzales
Hays
Hudspeth
Jeff Davis
Jim Hogg
Johnson*
Kendall
Kinney
Kleberg
Lamb
Lampasas
Lee
Lemon
Limestone
Madison

* Burn Ban order during a Red Flag Warning only
* Burn Ban order only with County Judge's approval

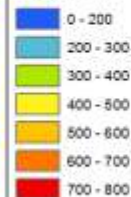
Keetch-Byram Drought Index

(4 km x 4 km resolution)

Estimated for
08/18/2017



KBDI Value



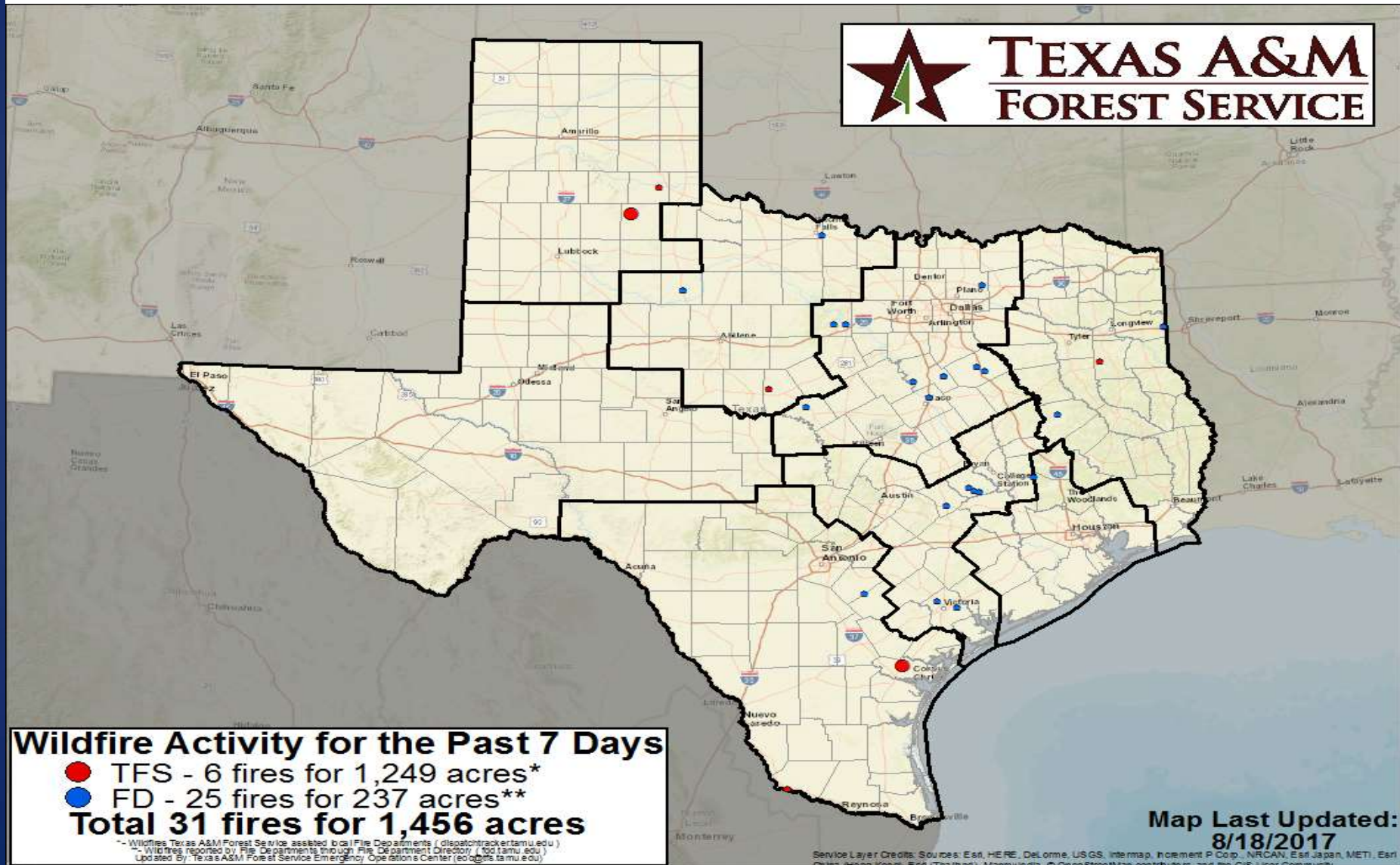
TEXAS A&M
AGRI LIFE
RESEARCH

Produced by TAMU Spatial Sciences Laboratory
in partnership with Texas A&M Forest Service

TEXAS A&M
FOREST SERVICE

Fire Activity (*Last 24 Hours)

Reports 566 (no change) fires and 653,848 (no change) acres destroyed this year. There are 80 (-2) counties with burn bans. The Keetch-Byram Drought Index list 97 (-3) counties with an average over 400.



Training

DATES		TITLE	COURSE	LOCATION
08/14/17	08/25/17	NFA Chemistry for Emergency Response	H-402	Pflugerville
08/14/17	08/25/17	HazMat Technician - Texas Commission on Fire Protection (TCFP) Certification	H-500	Weslaco

Statewide Significant Events

DATE(S)		LOCATION	EVENT
07/06/17	08/20/17	Arlington	Six Flags Over Texas
07/06/17	08/27/17	Galveston	Moody Gardens
07/06/17	08/20/17	Galveston	Schlitterbahn Galveston Island
07/06/17	08/20/17	Padre Island	Schlitterbahn Padre Island
07/06/17	08/20/17	Corpus Christi	Schlitterbahn Corpus Christi
07/06/17	08/27/17	New Braunfels	Schlitterbahn New Braunfels
07/06/17	08/27/17	San Antonio	Six Flags Fiesta Texas
07/06/17	08/27/17	San Antonio	Sea World
08/11/17	08/20/17	Arlington	Texas Rangers Home Baseball Game
08/16/17	08/20/17	Houston	Houston Astros Home Baseball Game